

Principles of Infectious Disease Epidemiology Resource List

1. **Epi Info™** is a series of freely-distributable tools and utilities for Microsoft Windows for use by public health professionals to conduct outbreak investigations, manage databases for public health surveillance and other tasks, and general database and statistics applications. It enables physicians, epidemiologists, and other public health and medical officials to rapidly develop a questionnaire or form, customize the data entry process, and enter and analyze data. Epi Info 7 is free of charge and can be downloaded from the Centers for Disease Control and Prevention (CDC) website at <http://www.cdc.gov/epiinfo>. A printable version of the Epi Info 7 User Guide is available for download in both Word and PDF formats.
<http://wwwn.cdc.gov/epiinfo/user-guide/index.htm>
2. **Geographic Information System (GIS) & Global Positioning System (GPS)**
The following site provides a basic overview of GIS functionality:
www.gis.com
The following provides a basic overview of GPS functionality:
http://www.trimble.com/gps_tutorial/
The Missouri Department of Health and Senior Services web site describes how GIS and GPS is being used, include contact information:
<http://health.mo.gov/data/gis/>
3. **Introduction to Epidemiology (Epi for Everyone)**
This is an interactive CD program that contains basic information about the science of epidemiology; applicable to *everyone* working in public health. It is available from the Missouri Department of Health and Senior Services, Center for Local Public Health Services. Call 573-751-6170 to request a free copy.
4. **E is for Epi: Epidemiology Basics for Non-Epidemiologists**
This course is designed to be used for computer-based self-study, as a face-to-face training tool for trainers, or for lunch and learn seminars or in-service trainings.
North Carolina Center for Public Health Preparedness
<http://cphp.sph.unc.edu/> or cphp@unc.edu or 919-843-5561
5. **Epidemiologic Case Studies**
Several case studies are available in computer-based and classroom formats at this CDC site. These case studies are interactive exercises developed to teach epidemiologic principles and practices. They are based on real-life outbreaks and public health problems and were developed in collaboration with the original investigators and experts from the CDC. The case studies require students to apply their epidemiologic knowledge and skills to problems confronted by public health practitioners at the local, state, and national level every day.
<http://www.cdc.gov/epicasestudies/>
7. **Missouri State Public Health Laboratory**
<http://health.mo.gov/lab/index.php>
8. **CDC Self-Study Course: Principles of Epidemiology in Public Health Practice, Third Edition**
The introductory self-study course, Principles of Epidemiology in Public Health Practice, Third Edition, is now available online. The course is designed for public health professionals at the state and local level who have, or expect to have, responsibility for outbreak investigations or public health surveillance. Continuing education credits are offered to physicians, nurses, veterinarians, pharmacists, certified public health educators, and other professionals. The self-study course (SS1000) is available at no charge at http://www.cdc.gov/osels/scientific_edu/SS1978/Lesson1/.